



SENIOR ENGINEERING GEOLOGIST
DEPARTMENTAL PROMOTIONAL
STATEWIDE
FINAL FILING DATE: SEPTEMBER 17, 2009

OFFERING EQUAL EMPLOYMENT OPPORTUNITIES TO ALL REGARDLESS OF RACE, COLOR, CREED, NATIONAL ORIGIN, ANCESTRY, SEX, MARITAL STATUS, DISABILITY, RELIGIOUS OR POLITICAL AFFILIATION, AGE OR SEXUAL ORIENTATION.

WHO MAY APPLY

This is a departmental promotional examination for the Department of Transportation.

- Applicants must have a permanent civil service appointment with the Department of Transportation as of the final filing date, in order to participate in the examination; or
- Must be a current or former employee of the Legislature for two or more years as defined in Government Code §18990; or
- Must be a current or former non-elected exempt employee of the Executive Branch for two or more consecutive years as defined in Government Code §18992; or
- Must be a person retired from the United States military, honorably discharged from active military duty with a service-connected disability, or honorably discharged from active duty as defined in Government Code §18991.

For applicants under Items 2, 3, or 4, if promotional examinations are given by more than one department for the same classification, the applicant must select one department in which to compete.

HOW TO APPLY

Applications (STD 678) must be **RECEIVED OR POSTMARKED** no later than the final filing date. **FAXED OR E-MAILED APPLICATIONS WILL NOT BE ACCEPTED.** Applications postmarked **AFTER THE FINAL FILING DATE**, personally delivered or received via interoffice mail **AFTER 5:00 P.M. ON THE FINAL FILING DATE WILL NOT BE ACCEPTED FOR ANY REASON. THE EXAMINATION TITLE MUST BE INDICATED ON THE APPLICATION.**

FILE BY MAIL: Department of Transportation
Exam Services (MS 86)
P.O. Box 168036
Sacramento, CA 95816-8036

FILE IN PERSON: Department of Transportation
1727 30th Street, 1st Floor
Sacramento, CA 95816
(916) 227-4946

SUBMIT APPLICATIONS ONLY TO THE ADDRESSES INDICATED ABOVE. DO NOT SEND APPLICATIONS TO THE STATE PERSONNEL BOARD OR DEPARTMENT OF TRANSPORTATION DISTRICT OFFICES. Applications may be obtained at the State Personnel Board in Sacramento, any Employment Development Department office, Department of Transportation district office, or at www.dot.ca.gov/hq/jobs on the Internet at <http://spb.ca.gov/jobs/stateapp.htm>.

REASONABLE
ACCOMMODATION

If you have a disability and wish to participate in one of our testing services, programs, or activities and require a specific accommodation, please mark the appropriate box for Question #2 on the Examination and/or Employment Application form. You will be contacted to make specific arrangements. TDD users may contact the California Relay Service TDD line at 1-800-735-2929, Voice line at 1-800-735-2922.

SALARY RANGE

A: \$8,122 - \$9,870 S: \$7,377 - \$8,965

QUALIFICATIONS
APPRAISAL
INTERVIEW

It is anticipated that qualifications appraisal interviews will be held during November/December 2009.

REQUIRED
IDENTIFICATION

Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.

REQUIREMENTS FOR
ADMITTANCE TO
THE EXAMINATION

NOTE: All applicants must meet the education and/or experience requirements for this examination by the final filing date. Your signature on your application indicates that you read, understand, and possess the minimum qualifications required.

NOTE: All applications/resumes must include: "to" and "from" dates (month/day/year), time base, civil service or private sector titles, and the duties performed. **Applications/resumes received without this information will be rejected.**

Qualifying experience may be combined on a proportionate basis if the requirements stated below include more than one pattern and are distinguished as "Either" I, "or" II "or" III, etc. For example, candidates possessing qualifying experience amounting to 50% of the required time of Pattern I, and additional experience amounting to 50% of the required time of Pattern II, may be admitted to an examination as meeting 100% of the overall experience requirements.

Possession of a valid certificate of registration as a geologist or geophysicist issued by the California Board of Geologists and Geophysicists is required for appointment to the Senior Engineering Geologist level and above.

Either I

Experience: Two years of experience performing the duties of an Engineering Geologist, Range D, in the California state service.

Or II

Experience: Five years of professional engineering geological experience involving the performance of increasingly responsible duties, at least two years of which shall have been comparable in level and responsibility to an Engineering Geologist, Range D, in the California state service. (A master's degree with major work in geology or engineering geology may be substituted for one year of the required experience. Possession of a doctorate degree in one of the fields identified above may be substituted for two years of the general experience.)

SEE REVERSE SIDE FOR ADDITIONAL INFORMATION

It is an objective of the State of California to achieve a drug-free state work place. Any applicant for State employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service, and the special trust placed in public servants.

MINIMUM QUALIFICATIONS (<i>CONTINUE</i>)	Education: Equivalent to graduation from college with major work in geology, engineering geology, or a closely related field that includes coursework in geology. (Additional qualifying experience may be substituted for the required education on a year-for-year basis.) (Registration as a senior in a recognized institution will admit applicants to the Engineering Geologist examination, but they must produce evidence of graduation or its equivalent before they can be considered eligible for appointment.)
ADDITIONAL DESIRABLE QUALIFICATIONS	Course work in engineering geology; willingness to travel in performing field work throughout the State; course work and/or experience in environmental engineering, water resource management, hydraulics, and/or hydrogeology; and in addition to registration as a geologist, certification as an engineering geologist or hydrogeologist.
POSITION DESCRIPTION	The Senior Engineering Geologist Supervisor is either (1) a first-line unit supervisor; or (2) a nonsupervisory staff specialist assigned to perform the most complex and technical engineering geologic assignments. The senior level is the first level to which administrative responsibility is assigned.
EXAMINATION INFORMATION	<p>This examination will consist of a qualifications appraisal interview weighted 100%. In order to obtain a position on the eligible list, a minimum score of 70% must be attained.</p> <p>QUALIFICATIONS APPRAISAL INTERVIEW – WEIGHTED 100%</p> <p>Scope:</p> <p>A. Knowledge of:</p> <ol style="list-style-type: none">1. Stratigraphic, structural, historical, and economic geology as related to civil engineering projects.2. Geological processes and survey techniques, equipment, and procedures.3. Fundamental principles of mineralogy, petrography, soil mechanics, and hydrogeology.4. Photogeology, geological mapping and drafting, and the application of geology to engineering problems.5. Grouting methods, techniques, and equipment.6. Geological literature.7. Subsurface exploration and sampling procedures.8. The principles of effective supervision, personnel management, and budget preparation.9. The department's Equal Employment Opportunity Program objectives.10. A supervisor's responsibility for promoting equal opportunity in hiring and employment development and promotion, and for maintaining a work environment free of discrimination and harassment.11. Methods and techniques of effective leadership.12. General administrative processes. <p>B. Ability to:</p> <ol style="list-style-type: none">1. Conduct geological and geophysical exploration investigations.2. Conduct independent technical research work.3. Make, record, and evaluate observations on geological engineering problems.4. Make accurate tests, observations, and measurements.5. Analyze situations accurately and take effective action.6. Prepare and analyze technical reports.7. Prepare plans, specifications, and estimates for geological and geophysical exploration.8. Perform independent technical research work and maintain cooperative relationships with those contacted in the work.9. Delegate work to others, direct the work of others, and motivate others to work effectively.10. Effectively contribute to the department's Equal Employment Opportunity Program objectives.
ELIGIBLE LIST INFORMATION	A departmental promotional eligible list will be established for the Department of Transportation. The list will be abolished 12 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.
CAREER CREDITS	Career credits are not granted in promotional examinations.
VETERANS PREFERENCE POINTS	Veterans preference points are not granted in promotional examinations.

GENERAL INFORMATION

For an examination without a written feature, it is the candidate’s responsibility to contact the Caltrans Office of Examination Services in Sacramento at (916) 227-4946 three weeks after the final filing date if he/she has not received a progress notice.

If a candidate’s notice of oral interview or performance test fails to reach him/her prior to the day of the interview due to a verified postal error, he/she will be rescheduled upon written request.

Applications are available at the State Personnel Board in Sacramento, any Employment Development Department office, Department of Transportation district office or at www.dot.ca.gov/hq/jobs on the Internet.

If you meet the requirements, you may take this examination. Possession of the entrance requirement does not assure a place on the eligible list. All candidates who pass will be ranked according to their scores.

The Department of Transportation reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all candidates will be notified.

Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) subdivisional promotional, 2) departmental promotional, 3) multidepartmental promotional, 4) servicewide promotional, 5) departmental open, 6) open. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on this bulletin.

Promotional Examinations Only: Competition is limited to employees who have a permanent civil service appointment. Under certain circumstances other employees may be allowed to compete under provisions of Rules 234, 235 and 235.2. State Personnel Board Rules 233, 234, 235, 235.2 and 237 contain provisions regarding civil service status and eligibility for promotional examinations. These rules may be reviewed at departmental personnel offices or at the State Personnel Board.

General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history, and fingerprinting may be required.

For individuals with disabilities, this document may be available upon request in alternate formats. To obtain an alternate format, please call or write to the California Department of Transportation, Office of Examinations and Recruitment Services, P.O. Box 168036, MS 86, Sacramento, CA 95816. Voice (916) 227-7858 California Relay Service: Voice 1-800-735-2922 or TTY 1-800-734-2929.